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**PATENT APPLICATION**

**THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT(S): Jacobson et al.

DOCKET: 8728-654 (YOR920030436US1)

SERIAL NO.: 10/731,840

GROUP ART UNIT: 2825

FILED: December 9, 2003

EXAMINER: Dinh, Paul

**FOR: SYSTEM AND METHOD FOR TOPOLOGY SELECTION TO MINIMIZE  
LEAKAGE POWER DURING SYNTHESIS**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO RESTRICTION REQUIREMENT**

Sir:

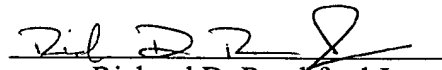
In response to the Office Action dated December 5, 2005, Applicants  
provisionally elect the claims of Species I (e.g., claims 1-31 and 38-40) with traverse.

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**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postpaid in an envelope, addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on January 4, 2006.

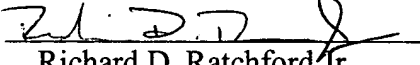
Dated: 1/4/06

  
Richard D. Ratchford Jr.

While the claims of Species I and II may be distinct as set forth by the Examiner, Applicants believe that simultaneous examination will not present an undue burden. For example, the claims of Species I are directed to designing electronic circuits by synthesizing a new circuit by selecting a topology based on its leakage sensitivities or by an algorithm that incorporates leakage sensitivities of device topologies, and the claims of Species II are directed to designing electronic circuits by using an HDL capable of providing leakage sensitivities to a cell library. Further, restriction of election of species is required if an application contains claims directed to more than a reasonable number of species. See, 37 C.F.R. § 1.146. Here, the Examiner has identified two species. Under such circumstances, the Examiner is encouraged to maintain all claims in the same application. See, MPEP § 803.

Early and favorable consideration of the application is earnestly solicited.

Respectfully submitted,

By:   
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